

AMENDMENTS TO THE CLAIMS

1. (Original) Installation for water treatment by flotation comprising flotation equipment consisting of a flotation cell (10) into which is introduced flocculated raw water mixed with microbubbles produced by a pressurization-pressure release system (11), this cell being equipped with a perforated uptake device (13) designed such that the surface of the flotation cell is crossed by an identical and uniform flow of the water to be treated, this installation being characterized in that it comprises capture modules (14, 15) arranged in the flotation cell such that their lower part is located at a distance (h) from the perforated uptake device (13), this distance being determined so as to avoid any disturbance of the uniform distribution established by the perforated uptake device.

2. (Currently Amended) Installation according to Claim 1, ~~characterized in that wherein~~ the distance (h) separating the surface of the uptake device (13) from the lower part of the capture modules (14, 15) depends in particular on the geometry of the flotation device, on the rate of through-flow and on the temperature of the water to be treated.

3. (Currently Amendment) Installation according to ~~either of Claims 1 and 2,~~ ~~characterized in that~~ Claim 1, wherein the distance (h) separating the surface of the uptake device (13) from the lower part of the capture modules (14, 15) is between 0.05 metre and 1 metre, preferably between 0.15 and 0.60 metre.

4. (Currently Amended) Installation according to ~~any one of the preceding claims,~~ ~~characterized in that~~ Claim 1, wherein the height or thickness (E) of the capture modules (14, 15) is determined as a function of the operating velocity and of the projected area of said capture modules.

5. (Currently Amended) Installation according to Claim 4, ~~characterized in that~~ wherein said height or thickness (E) is between 0.10 and 1 metre, preferably between 0.2 and 0.70 metre.

6. (Currently Amended) Installation according to ~~any one of the preceding claims, characterized in that~~ Claim 1, wherein the projected area of the capture modules, i.e. the active area of the separation/accumulation zone, is between 2 and 20 m² per m² of flotation device surface equipped with modules.

7. (Currently Amended) Installation according to ~~any one of the preceding claims, characterized in that~~ Claim 1, wherein the capture modules are of the lamellar type, in particular with parallel lamellae (14), with a tubular or hexagonal profile, and with direct or cross flow.

8. (Currently Amended) Installation according to ~~any one of Claims 1 to 6, characterized in that~~ Claim 1, wherein the capture modules are of the transfer module type (15), in general of the non-linear-flow transfer module type, providing two directions of circulation of the water to be treated.